-	133169	((phase or freq or frequency) near2	USPAT;	2004/08/09
		(detector or detection or detected or	US-PGPUB;	03:44
		detect)) or "PFD"	EPO; JPO;	
			DERWENT	
-	6608	388/\$.ccls.	USPAT;	2004/08/09
İ			US-PGPUB;	03:44
-			EPO; JPO;	
			DERWENT	
-	8352	318/696,138,253,254,439.ccls.	USPAT;	2004/08/09
			US-PGPUB;	03:45
			EPO; JPO;	
			DERWENT	1
-	14638	388/\$.ccls. or	USPAT;	2004/08/09
		318/696,138,253,254,439.ccls.	US-PGPUB;	03:45
			EPO; JPO;	
			DERWENT	
-	1024	(((phase or freq or frequency) near2	USPAT;	2004/08/09
		(detector or detection or detected or	US-PGPUB;	03:45
	İ	detect)) or "PFD") and (388/\$.ccls. or	EPO; JPO;	
		318/696,138,253,254,439.ccls.)	DERWENT	
-	112457	(non-linear) or (non adj linear) or	USPAT;	2004/08/09
		(non-linearity) or (non adj linearity)	US-PGPUB;	03:46
			EPO; JPO;	:
			DERWENT	
ļ <b>-</b>	37995	second adj order	USPAT;	2004/08/09
			US-PGPUB;	03:46
	1		EPO; JPO;	
			DERWENT	
-	145098	((non-linear) or (non adj linear) or	USPAT;	2004/08/09
		(non-linearity) or (non adj linearity))	US-PGPUB;	16:32
		or (second adj order)	EPO; JPO;	
			DERWENT	
-	3382716	reference	USPAT;	2004/08/09
			US-PGPUB;	03:56
			EPO; JPO;	
			DERWENT	
-	8442		USPAT;	2004/08/09
		(detector or detection or detected or	US-PGPUB;	15:52
		detect)) or "PFD") and (((non-linear) or	EPO; JPO;	
		(non adj linear) or (non-linearity) or	DERWENT	
1		(non adj linearity)) or (second adj		
	4.7	order)) and reference	IICDAM.	2004/08/09
-	47	1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	USPAT;	03:54
		(detector or detection or detected or detect)) or "PFD") and (((non-linear) or	US-PGPUB; EPO; JPO;	03:54
			DERWENT	
	I	(non adj linear) or (non-linearity) or (non adj linearity)) or (second adj	DEVMENT	
	].	order)) and reference) and (388/\$.ccls.		
	1	or 318/696,138,253,254,439.ccls.)		
_	3800	((non-linear) or (non adj linear) or	USPAT;	2004/08/09
	3000	(non-linearity) or (non adj linearity))	US-PGPUB;	03:56
		with reference	EPO; JPO;	
			DERWENT	
_	3537907	reference or (function adj generator) or	USPAT;	2004/08/09
	333,307	oscillator	US-PGPUB;	03:59
			EPO; JPO;	
			DERWENT	
-	2601	(reference or (function adj generator) or	USPAT;	2004/08/09
		oscillator) near5 ((non-linear) or (non	US-PGPUB;	04:00
		adj linear) or (non-linearity) or (non	EPO; JPO;	
		adj linearity))	DERWENT	
-	7		USPAT;	2004/08/09
1	ĺ	adj generator) or oscillator) near5	US-PGPUB;	04:00
	1	((non-linear) or (non adj linear) or	EPO; JPO;	[
	1	(non-linearity) or (non adj linearity)))	DERWENT	
-	3844	(reference or (function adj generator) or	USPAT;	2004/08/09
1		oscillator) near9 ((non-linear) or (non	US-PGPUB;	04:00
	1	adj linear) or (non-linearity) or (non	EPO; JPO;	
1	1	adj linearity))	DERWENT	I

-	12		USPAT;	2004/08/09
		adj generator) or oscillator) near9	US-PGPUB;	09:45
		((non-linear) or (non adj linear) or	EPO; JPO;	
		<pre>(non-linearity) or (non adj linearity)))</pre>	DERWENT	
_	1514	describing adj function	USPAT;	2004/08/09
			US-PGPUB;	09:45
			EPO; JPO;	030
	١ ,	/d	DERWENT	2004/00/00
<del>-</del>	2	(describing adj function) and 388/\$.ccls.	USPAT;	2004/08/09
			US-PGPUB;	09:46
			EPO; JPO;	
i			DERWENT	
<del>-</del>	29	(describing adj function) and 318/\$.ccls.	USPAT;	2004/08/09
			US-PGPUB;	09:46
			EPO; JPO;	1
			DERWENT	
_	30	((describing adj function) and	USPAT;	2004/08/09
		388/\$.ccls.) or ((describing adj	US-PGPUB;	15:48
		function) and 318/\$.ccls.)	EPO; JPO;	
		24	DERWENT	]
l _	2	((describing adj equation) and	USPAT;	2004/08/09
-			·	1
		388/\$.ccls.) or ((describing adj	US-PGPUB;	15:50
		equation) and 318/\$.ccls.)	EPO; JPO;	
			DERWENT	
-	1180	388/805,812,813,814,820,832.ccls.	USPAT;	2004/08/09
			US-PGPUB;	15:53
			EPO; JPO;	1
			DERWENT	
-	133169	((phase or freq or frequency) near2	USPAT;	2004/08/09
	·	(detector or detection or detected or	US-PGPUB;	15:56
İ		detect)) or "PFD"	EPO; JPO;	
			DERWENT	
l _	226	388/805,812,813,814,820,832.ccls. and	USPAT;	2004/08/09
	220	(((phase or freq or frequency) near2	US-PGPUB;	15:52
				13.32
1		(detector or detection or detected or	EPO; JPO;	
	000	detect)) or "PFD")	DERWENT	
-	239	(((phase or freq or frequency) near2	USPAT;	2004/08/09
		(detector or detection or detected or	US-PGPUB;	15:55
		detect)) or "PFD") and	EPO; JPO;	1
		(388/805,812,813,814,820,832.ccls. or	DERWENT	
		388/911.ccls.)		
-	8352	318/696,138,253,254,439.ccls.	USPAT;	2004/08/09
1			US-PGPUB;	15:56
			EPO; JPO;	
			DERWENT	
_	702	(((phase or freq or frequency) near2	USPAT;	2004/08/09
	'52	(detector or detection or detected or	US-PGPUB;	15:56
		detector of detection of detected of detect) or "PFD") and	EPO; JPO;	
		318/696,138,253,254,439.ccls.	DERWENT	
	220			2004/09/00
<u> </u>	230	(((phase or freq or frequency) near2	USPAT;	2004/08/09
		(detector)) or "PFD") and	US-PGPUB;	15:56
		318/696,138,253,254,439.ccls.	EPO; JPO;	
			DERWENT	
-	220	((((phase or freq or frequency) near2	USPAT;	2004/08/09
		(detector)) or "PFD") and	US-PGPUB;	15:57
		318/696,138,253,254,439.ccls.) not	EPO; JPO;	
		((((phase or freq or frequency) near2	DERWENT	
		(detector or detection or detected or		
i		detect)) or "PFD") and		]
		(388/805,812,813,814,820,832.ccls. or		
		388/911.ccls.))		
_	4974	(((phase or freq or frequency) near2	USPAT;	2004/08/09
	39/9	(((non-linear)) (((non-linear))	US-PGPUB;	16:33
				1 10.33
		or (non adj linear) or (non-linearity) or	EPO; JPO;	
		(non adj linearity)) or exponential or	DERWENT	
l		exponentially)		

_	17	<pre>((((phase or freq or frequency) near2 (detector)) or "PFD") and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially)) and (388/805,812,813,814,820,832.ccls. or</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 16:58
		388/911.ccls. or		
-	25305	318/696,138,253,254,439.ccls.) least adj square	USPAT; US-PGPUB; EPO; JPO;	2004/08/09 16:58
_	1644	(((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD") and (least adj square)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 16:58
_	2	((((phase or freq or frequency) near2 (detector or detection or detected or detect)) or "PFD") and (least adj square)) and (388/805,812,813,814,820,832.ccls. or 388/911.ccls. or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:02
-	57558	318/696,138,253,254,439.ccls.) ((phase or freq or frequency) near2 (detector)) or "PFD"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:37
-	6580	388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:37
-	300	(((phase or freq or frequency) near2 (detector)) or "PFD") and (388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:14
-	173284	<pre>((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:39
_	286	((((phase or freq or frequency) near2 (detector)) or "PFD") and (388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.)) not ((((phase or freq or frequency) near2 (detector)) or "PFD") and (388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.)) and (((non-linear) or (non adj linear) or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 14:39
_	14	<pre>(non-linearity) or (non adj linearity)) or exponential or exponentially)) ((((phase or freq or frequency) near2 (detector)) or "PFD") and (388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.)) and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:14
_	1646	318/437,608,621,632.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:14
-	97	(detector)) or "PFD") and 318/437,608,621,632.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:14
-	5	<pre>((((phase or freq or frequency) near2 (detector)) or "PFD") and 318/437,608,621,632.ccls.) and (((non-linear) or (non adj linear) or (non-linearity) or (non adj linearity)) or exponential or exponentially)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/10 15:15

-	108	388/911.ccls.	USPAT;	2004/08/10
			US-PGPUB;	15:15
	i		EPO; JPO;	
	8142	/200/000 005 012 012 014 020 gglg on	DERWENT	2004/08/10
-	0142	(388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.) or	USPAT; US-PGPUB;	15:15
		318/437,608,621,632.ccls. or	EPO; JPO;	15.15
		388/911.ccls.	DERWENT	
_	25335	least adj square	USPAT;	2004/08/10
			US-PGPUB;	15:16
			EPO; JPO;	
			DERWENT	
-	22		USPAT;	2004/08/10
		318/138,254,439.ccls.) or	US-PGPUB;	15:19
		318/437,608,621,632.ccls. or	EPO; JPO;	
		388/911.ccls.) and (least adj square)	DERWENT	
-	1589	describing adj (equation or function)	USPAT;	2004/08/10
			US-PGPUB;	21:06
İ			EPO; JPO; DERWENT	
_	174	   (estimation or estimating) adj (linear or	USPAT;	2004/08/10
	1/3	linearity or linearities)	US-PGPUB;	21:07
		linearity of linearitates,	EPO; JPO;	21.07
			DERWENT	
-	695667	fitting	USPAT;	2004/08/10
			US-PGPUB;	15:20
			EPO; JPO;	
			DERWENT	
-	697320	(describing adj (equation or function))	USPAT;	2004/08/10
		or ((estimation or estimating) adj	US-PGPUB;	15:20
1		(linear or linearity or linearities)) or	EPO; JPO;	
	137	fitting	DERWENT	2004/08/10
-	13/.	((388/800,805,812,813,814,820.ccls. or 318/138,254,439.ccls.) or	USPAT; US-PGPUB;	16:03
		318/437,608,621,632.ccls. or	EPO; JPO;	10.03
		388/911.ccls.) and ((describing adj	DERWENT	
		(equation or function)) or ((estimation	DEI(WEIVE	İ
		or estimating) adj (linear or linearity		
		or linearities)) or fitting)		
-	115819	318/\$.ccls. or 388/\$.ccls. or 700/\$.ccls.	USPAT;	2004/08/10
			US-PGPUB;	16:04
			EPO; JPO;	
		1,, ., ,, ,, ,,	DERWENT	0004/00/00
_	1763	(describing adj (equation or function))	USPAT;	2004/08/10
		or ((estimation or estimating) adj	US-PGPUB;	16:04
1	1	(linear or linearity or linearities))	EPO; JPO; DERWENT	
1_	108	((318/\$.ccls. or 388/\$.ccls. or	USPAT;	2004/08/10
1	100	700/\$.ccls.) and ((describing adj	US-PGPUB;	17:29
1		(equation or function)) or ((estimation	EPO; JPO;	
	1	or estimating) adj (linear or linearity	DERWENT	
	1	or linearities)))) not		
	1	(((388/800,805,812,813,814,820.ccls. or		
	1	318/138,254,439.ccls.) or		
	1	318/437,608,621,632.ccls. or		
	1	388/911.ccls.) and ((describing adj		
		(equation or function)) or ((estimation		
	1	or estimating) adj (linear or linearity		
_	277	or linearities)) or fitting)) ((388/800,805,812,813,814,820.ccls. or	USPAT;	2004/08/10
	""	318/138,254,439.ccls.) or	US-PGPUB;	17:32
	1	318/437,608,621,632.ccls. or	EPO; JPO;	17.52
	1	388/911.ccls.) and (((phase or freq or	DERWENT	
	1	frequency) near2 (detector)) or "PFD")		
	1	and (compare or compared or comparator or		
	1	comparing or subtract or subtractor or		
	1	subtracted or subtracting))		
-	2721339	compare or compared or comparator or	USPAT;	2004/08/10
	1	comparing or subtract or subtractor or	US-PGPUB;	17:31
		subtracted or subtracting or error	EPO; JPO;	
	L		DERWENT	

-	19839	(((phase or freq or frequency) near2	USPAT;	2004/08/10
		(detector)) or "PFD") same (compare or	US-PGPUB;	17:31
		compared or comparator or comparing or	EPO; JPO;	
		subtract or subtractor or subtracted or	DERWENT	
	104	subtracting or error)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2004/00/10
-	194	((388/800,805,812,813,814,820.ccls. or	USPAT;	2004/08/10
		318/138,254,439.ccls.) or	US-PGPUB;	20:28
		318/437,608,621,632.ccls. or	EPO; JPO;	
		388/911.ccls.) and ((((phase or freq or	DERWENT	
		frequency) near2 (detector)) or "PFD")		
		same (compare or compared or comparator		
		or comparing or subtract or subtractor or subtracted or subtracting or error))		
_	5427	((phase or frequency or freq) adj	USPAT;	2004/08/10
	3427	detector).ti.	US-PGPUB;	20:29
		detector, tr.	EPO; JPO;	20.23
			DERWENT	
_	0	((describing adj (equation or function))	USPAT;	2004/08/10
	ľ	or ((estimation or estimating) adj	US-PGPUB;	20:29
		(linear or linearity or linearities)))	EPO; JPO;	20.23
		and (((phase or frequency or freq) adj	DERWENT	
		detector).ti.)		
_	211	(digital near (phase or frequency or	USPAT;	2004/08/10
		freq) adj detector).ti.	US-PGPUB;	20:59
		,	EPO; JPO;	1
			DERWENT	
-	544	(((phase or freq or frequency) near2	USPAT;	2004/08/10
		(detector)) or "PFD") same (transfer adj	US-PGPUB;	20:59
		function)	EPO; JPO;	
			DERWENT	
-	7	((((phase or freq or frequency) near2	USPAT;	2004/08/10
		(detector)) or "PFD") same (transfer adj	US-PGPUB;	21:00
		function)) and 388/\$.ccls.	EPO; JPO;	
			DERWENT	
-	23	((((phase or freq or frequency) near2	USPAT;	2004/08/10
		(detector)) or "PFD") same (transfer adj	US-PGPUB;	21:00
		function)) and (388/\$.ccls. or	EPO; JPO;	
		318?\$.ccls.)	DERWENT	0004/00/10
-	41	describing adj (equation or function)	EPO; JPO	2004/08/10
	_			21:06
-	5	(estimation or estimating) adj (linear or	EPO; JPO	2004/08/10
	1	linearity or linearities)	EDO: TRO	21:07
-	46	, , , , , , , , , , , , , , , , , , , ,	EPO; JPO	2004/08/10
		or ((estimation or estimating) adj (linear or linearity or linearities))		22:04
1_	629740		USPAT;	2004/08/10
1 -	029/40	moder or modered or modering	US-PGPUB;	2004/08/10
			EPO; JPO;	
1			DERWENT	
_	9032	(((non-linear) or (non adj linear) or	USPAT;	2004/08/10
		(non-linearity) or (non adj linearity))	US-PGPUB;	22:05
		or exponential or exponentially) same	EPO; JPO;	
		(model or modeled or modeling)	DERWENT	
_	205	(((phase or freq or frequency) near2	USPAT;	2004/08/11
		(detector)) or "PFD") and (((non-linear)	US-PGPUB;	20:40
		or (non adj linear) or (non-linearity) or	EPO; JPO;	
		(non adj linearity)) or exponential or	DERWENT	
		exponentially) same (model or modeled or		
		modeling))		
-	2	(318/\$.ccls. or 388/\$.ccls. or	USPAT;	2004/08/10
1		700/\$.ccls.) and ((((phase or freq or	US-PGPUB;	22:06
		frequency) near2 (detector)) or "PFD")	EPO; JPO;	
		and ((((non-linear) or (non adj linear)	DERWENT	
		or (non-linearity) or (non adj		
1		linearity)) or exponential or		
}		exponentially) same (model or modeled or		
		modeling)))		1

	~	landa and IIII bara on form on formation	IICDAM ·	2004/09/10
-	35	motor and ((((phase or freq or frequency)	USPAT;	2004/08/10
		near2 (detector)) or "PFD") and	US-PGPUB;	22:31
		((((non-linear) or (non adj linear) or	EPO; JPO;	
		(non-linearity) or (non adj linearity))	DERWENT	
		or exponential or exponentially) same		
	_	(model or modeled or modeling)))		
-	2	4549123.pn.	USPAT;	2004/08/10
			US-PGPUB;	22:31
			EPO; JPO;	
			DERWENT	
-	57558	(((phase or freq or frequency) near2	USPAT;	2004/08/11
		(detector)) or "PFD")	US-PGPUB;	20:40
			EPO; JPO;	i
			DERWENT	
-	206700	tune or tuning or tuned	USPAT;	2004/08/11
			US-PGPUB;	20:40
			EPO; JPO;	
			DERWENT	
-	1204		USPAT;	2004/08/11
		388/911.ccls.	US-PGPUB;	20:58
			EPO; JPO;	
			DERWENT	
-	8		USPAT;	2004/08/11
		(detector)) or "PFD")) and (tune or	US-PGPUB;	20:40
		tuning or tuned) and	EPO; JPO;	
1		(388/805,812,813,814,820,832.ccls. or	DERWENT	
		388/911.ccls.)		
-	6611	388/\$.ccls.	USPAT;	2004/08/11
			US-PGPUB;	20:59
			EPO; JPO;	1
			DERWENT	
_	2	(((((phase or freq or frequency) near2	USPAT;	2004/08/11
		(detector)) or "PFD")) and (tune or	US-PGPUB;	22:02
·		tuning or tuned) and 388/\$.ccls.) not	EPO; JPO;	
		(((((phase or freq or frequency) near2	DERWENT	
		(detector)) or "PFD")) and (tune or		
		tuning or tuned) and		
		(388/805,812,813,814,820,832.ccls. or		
		388/911.ccls.))		
-	112	(digital near2 (phase adj2 detector)) and	USPAT;	2004/08/11
1		(digital near2 (loop adj filter))	US-PGPUB;	22:03
			EPO; JPO;	
			DERWENT	
-	5	((digital near2 (phase adj2 detector))	USPAT;	2004/08/11
		and (digital near2 (loop adj filter)))	US-PGPUB;	22:04
	<u> </u> -	and servo	EPO; JPO;	
			DERWENT	